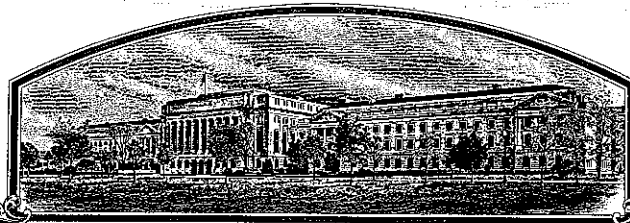


No.

9900347



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Pioneer Hi-Bred International, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (34 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'26R46'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this thirtieth day of September, in the year of our Lord one thousand nine hundred and ninety-nine.

Attest:

Rolla W. Selley
Acting Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

John G. Dickinson
Secretary of Agriculture



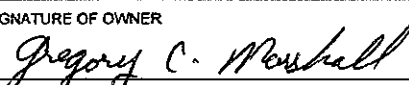
U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following state patents are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

1. NAME OF OWNER Pioneer Hi-Bred International, Inc.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME		3. VARIETY NAME 26R46	
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) Research and Product Development Wheat Research 3850 N. 100 E. Windfall, IN 46076		5. TELEPHONE (include area code) (765) 945-7906		FOR OFFICIAL USE ONLY PVPO NUMBER 4900347 FILING DATE June 22, 1999	
		6. FAX (include area code) (765) 945-8313			
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation		8. IF INCORPORATED, GIVE STATE OF INCORPORATION Iowa		9. DATE OF INCORPORATION May 1926	
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) Dr. Gregory C. Marshall Pioneer Hi-Bred International, Inc. Wheat Research 3850 N. 100 E. Windfall, IN 46076				FILING AND EXAMINATION FEES: \$ 2450.00 DATE 6/22/99 CERTIFICATION FEE: \$ 300.00 DATE 8-16-99	
11. TELEPHONE (Include area code) (765) 945-7906		12. FAX (Include area code) (765) 945-8313		13. E_MAIL marshallg@phibred.com	
				14. CROP KIND (Common Name) Wheat	
15. GENUS AND SPECIES NAME OF CROP Triticum aestivum		16. FAMILY NAME (Botanical) gramineae		17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,450), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)				19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act <input type="checkbox"/> YES (if "yes", answer items 20 and 21 below) <input checked="" type="checkbox"/> NO (if "no," go to item 22)	
				20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input type="checkbox"/> NO	
				21. IF "YES" TO ITEM 20, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED	
22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)				23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)	
24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.					
SIGNATURE OF OWNER 			SIGNATURE OF OWNER		
NAME (Please print or type) Gregory C. Marshall			NAME (Please print or type)		
CAPACITY OR TITLE Coordinator of Wheat Research		DATE 6/16/99		CAPACITY OR TITLE	
				DATE	

16A. Exhibit A. Origin and Breeding History of Pioneer Wheat Cultivar 26R46.

Pioneer Cultivar '26R46', a soft red winter wheat (*Triticum aestivum* L.), was developed by Pioneer Hi-Bred International, Inc. Using a modified pedigree selection breeding method, 26R46 was derived from the three parent cross: FL7927-G14//2555*3/Coker 80-28. 'FL7927-G14' is an experimental line from the University of Florida with the pedigree of 'Coker 797'/'Florida 302'. 'Coker 80-28' is an experimental line from Coker Pedigreed Seed Company. The backcross between '2555' and 'Coker 80-28' was performed at Windfall, IN. The final cross between FL7927-G14 and backcross line G621-46 (2555*3/Coker 80-28) was made in the fall of 1986 at Hutchinson, Kansas, and was designated 'ABI0559'. The seed from this cross then proceeded through a modified pedigree selection breeding system as follows:

Year	Generation	
1986	Final cross	Cross designated ABI0559
1987	F1	Grown in spring transplant nursery in Windfall, IN
1987-88	F2	Bulk populations grown at St. Matthews, SC. Individual head selections made.
1988-89	F3	Headrows of F2 selections grown at St. Matthews, SC.
1989-90	F4	F3 selections grown in F4 observation plots in St. Matthews, SC and Statesboro, GA.
1990-91	F5	F4 selections grown in F5 observation plots in St. Matthews, SC and Statesboro, GA.
1991-92	F6	F5 head selections grown in headrows at St. Matthews, SC and Statesboro, GA.
1992-93	F7	Preliminary yield testing of F6 selections at two locations. One selection designated 'ABI0559K5'.
1993-94	F8	Advanced yield testing of ABI0559K5. 100 heads harvested.
1994-95	F9	Elite yield testing of ABI0559K5. 100 purification headrows grown. 200 heads harvested from bulk increase.

1995-96	F10	Elite yield testing continued. 200 headrows grown, surrounded by 0.20 acre increase, consisting of selected progeny plots from prior year headrows and bulk from bulk increase.
1996-97	F11	Elite yield testing continued, designated as 'YW662'. Pioneer Parent Seed Operations continued increase.
1997-98	F12	Elite yield testing continued, designated as 'XW662'. Pioneer Parent Seed Operations continued increase.

Decision to release was made in August of 1998, at which time ABI0559K5 received the commercial designation '26R46'.

The cultivar 26R46 was bred and selected at each generation for any or all of the following characteristics: disease resistance, plant type, plant height, head type, straw strength, maturity, grain yield, test weight, and milling and baking qualities.

26R46 has been observed to be uniform and stable since the sixth generation, or the last 6 generations. Variants are limited to not more than 1/15,000 in total and may include slightly taller or awnless plants.

16B. Exhibit B. Novelty Statement

Pioneer variety 26R46 is most similar to Pioneer variety '2580' but with the following distinguishing characteristics:

1. The coleoptile color of 26R46 is red whereas that of 2580 is white.
2. The last internode of the rachis of 26R46 is not hairy, whereas hairiness is present in 2580.
3. The shoulder of the glumes of 26R46 is wanting and the glume shoulder of 2580 is oblique.
4. The seed brush of 26R46 is collared and that of 2580 is not.

REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved - OMB No. 0581-0055

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, AG Box 7630, Jamie L. Whitten Building, Washington, D.C. 20250. When replying, refer to OMB No. 0581-0055 and form number in your letter. Under the PRA of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT C
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (*Triticum* spp.)

NAME OF APPLICANT(S) Pioneer Hi-Bred International, Inc.	FOR OFFICIAL USE ONLY
ADDRESS (Street and No. or RD No., City, State, and Zip Code) Research and Product Development Wheat Research 3850 N. 100 E. Windfall, IN 46076	PVPO NUMBER 9900347
	VARIETY NAME 26R46
	TEMPORARY OR EXPERIMENTAL DESIGNATION

PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (e.g. or) when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used: **Munsell Color Charts for Plant Tissues**
Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

1=Common 2=Durum 3=Club 4=Other (SPECIFY): _____

2. VERNALIZATION:

1=Spring 2=Winter 3=Other (SPECIFY): _____

3. COLEOPTILE ANTHOCYANIN:

1=Absent 2=Present

4. JUVENILE PLANT GROWTH:

1=Prostrate 2=Semi-erect 3=Erect

5. PLANT COLOR (boot stage):

1 = Yellow-Green 2 = Green 3 = Blue-Green

6. FLAG LEAF (boot stage):

1 = Erect 2 = Recurved 1 = Not Twisted 2 = Twisted

7. EAR EMERGENCE:

Number of Days Earlier Than **2580** *

Number of Days Later Than **2684** *

8. ANTER COLOR:

☐ 1

1 = Yellow

2 = Purple

9. PLANT HEIGHT (from soil to top of head, excluding awns): 94.5 cm

☐ 0 ☐ 3

cm Taller Than 2580 *

☐ ☐

cm Shorter Than *

* Relative to a PVPO-Approved Commercial Variety Grown in the Same Trial

10. STEM:

A. ANTHOCYANIN

☐ 1

1 = Absent

2 = Present

D. INTERNODE (SPECIFY NUMBER)

☐ 1

1 = Hollow

2 = Semi-solid

3 = Solid

B. WAXY BLOOM

☐ 2

1 = Absent

2 = Present

E. PEDUNCLE

☐ 2

1 = Absent

2 = Present

C. HAIRINESS (last internode of rachis)

☐ 1

1 = Absent

2 = Present

☐ 33

cm Length

11. HEAD (at Maturity):

A. DENSITY

☐ 2

1 = Lax

2 = Middense

3 = Dense

C. CURVATURE

☐ 3

1 = Erect

2 = Inclined

3 = Recurved

B. SHAPE

☐ 1

1 = Tapering

2 = Strap

3 = Clavate

4 = Other (SPECIFY):

D. AWNEDNESS

☐ 4

1 = Awnless

2 = Apically Awnletted

3 = Awnletted

4 = Awned

12. GLUMES (at Maturity):

A. COLOR

☐ 2

1 = White

2 = Tan

3 = Other (SPECIFY):

C. BEAK

☐ 3

1 = Obtuse

2 = Acute

3 = Acuminate

B. SHOULDER

☐ 1

1 = Wanting

2 = Oblique

3 = Rounded

4 = Square

5 = Elevated

6 = Apiculate

D. LENGTH

☐ 3

1 = Short

2 = Medium

(ca. 7mm)

(ca. 8mm)

3 = Long (ca. 9mm)

6

12. GLUMES (at Maturity) *Continued*:

E. WIDTH

- ☐ 3 1 = Narrow (ca. 3mm) 2 = Medium (ca. 3.5mm)
3 = Wide (ca. 4mm)

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13. SEED:

A. SHAPE

- ☐ 1 1 = Ovate 2 = Oval 3 = Elliptical

C. BRUSH

- ☐ 2 1 = Short 2 = Medium 3 = Long
☐ 2 1 = Not Collared 2 = Collared

B. CHEEK

- ☐ 1 1 = Rounded 2 = Angular

D. CREASE

- ☐ 1 1 = Width 60% or less of Kernel
2 = Width 80% or less of Kernel
3 = Width Nearly as Wide as Kernel

☐ 1 1 = Depth 20% or less of Kernel
2 = Depth 35% or less of Kernel
3 = Depth 50% or less of Kernel

E. Color

- ☐ 3 1 = White 2 = Amber 3 = Red
4 = OTHER (Specify)

G. PHENOL REACTION (*see instructions*):

- ☐ 3 1 = Ivory 2 = Fawn
3 = Light Brown 4 = Dark Brown
5 = Black

F. TEXTURE

- ☐ 2 1 = Hard 2 = Soft

14. DISEASE: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

- ☐ 1 Stem Rust (*Puccinia graminis* f. sp. *tritici*)
Race TPMK

- ☐ 3 Leaf Rust (*Puccinia recondita* f. sp. *tritici*)
USDA Cereal Rust Lab
postulates Lr1, Lr10, & Lr11.

- ☐ 0 Stripe Rust (*Puccinia striiformis*)

- ☐ 0 Loose Smut (*Ustilago tritici*)

- ☐ 0 Tan Spot (*Pyrenophora tritici-repentis*)

- ☐ 0 Flag Smut (*Urocystis agropyri*)

- ☐ 0 Halo Spot (*Selenophoma donacis*)

- ☐ 0 Common Bunt (*Tilletia tritici* or *T. laevis*)

- ☐ 3 *Septoria nodorum* (Glume Blotch)
Field races

- ☐ 0 Dwarf Bunt (*Tilletia controversa*)

- ☐ 0 *Septoria avenae* (Speckled Leaf Disease)

- ☐ 0 Karnal Bunt (*Tilletia indica*)

- ☐ 0 *Septoria tritici* (Speckled Leaf Blotch)

- ☐ 3 Powdery Mildew (*Erysiphe graminis* f. sp. *tritici*)
Field races

- ☐ 1 Scab (*Fusarium* spp.)
Field races

- ☐ 0 "Snow Molds"

7

14. Disease (Continued) (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

<input checked="" type="checkbox"/> 0 "Black Point" (Kernel Smudge)	<input checked="" type="checkbox"/> 0 Common Root Rot (<i>Fusarium</i> , <i>Cochliobolus</i> and <i>Bipolaris</i> spp.)
<input checked="" type="checkbox"/> 0 Barley Yellow Dwarf Virus (BYDV)	<input checked="" type="checkbox"/> 0 Rhizoctonia Root Rot (<i>Rhizoctonia solani</i>)
<input checked="" type="checkbox"/> 3 Soilborne Mosaic Virus (SBMV) Field races	<input checked="" type="checkbox"/> 0 Black Chaff (<i>Xanthomonas campestris</i> pv. <i>translucens</i>)
<input checked="" type="checkbox"/> 3 Wheat Yellow (Spindle Streak) Mosaic Virus Field races	<input checked="" type="checkbox"/> 0 Bacterial Leaf Blight (<i>Pseudomonas syringae</i> pv. <i>syringae</i>)
<input checked="" type="checkbox"/> 0 Wheat Streak Mosaic Virus (WSMV)	<input type="checkbox"/> Other (SPECIFY)
<input type="checkbox"/> Other (SPECIFY)	<input type="checkbox"/> Other (SPECIFY)
<input type="checkbox"/> Other (SPECIFY)	<input type="checkbox"/> Other (SPECIFY)
<input type="checkbox"/> Other (SPECIFY)	<input type="checkbox"/> Other (SPECIFY)

15. INSECT: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

<input checked="" type="checkbox"/> 1 Hessian Fly (<i>Mayetiola destructor</i>) Biotype GP	<input type="checkbox"/> Other (SPECIFY)
<input checked="" type="checkbox"/> 0 Stem Sawfly (<i>Cephus</i> spp.)	<input type="checkbox"/> Other (SPECIFY)
<input checked="" type="checkbox"/> 1 Cereal Leaf Beetle (<i>Oulema melanopa</i>)	<input type="checkbox"/> Other (SPECIFY)
<input checked="" type="checkbox"/> 0 Russian Aphid (<i>Diuraphis noxia</i>)	<input type="checkbox"/> Other (SPECIFY)
<input checked="" type="checkbox"/> 0 Greenbug (<i>Schizaphis graminum</i>)	<input type="checkbox"/> Other (SPECIFY)
<input checked="" type="checkbox"/> 0 Aphids	<input type="checkbox"/> Other (SPECIFY)

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS

8

16D. Exhibit D. Additional Description of the Variety.**1) Yield and agronomic data.**

26R46 has been wide-scale yield tested, using comparative research plots since the 1994 growing season. Testing has been conducted across the area of adaptation, including locations in Virginia, North Carolina, South Carolina, Georgia, Kentucky, Missouri, Tennessee, and Arkansas (Table 1).

2) Information on reaction to major diseases.

Leaf rust – good resistance to prevalent races in the southeastern soft wheat region.

Powdery mildew – highly resistant to prevalent races in the southeastern soft wheat region.

Wheat spindle streak mosaic virus – good resistance.

Leaf blights – good tolerance to the complex of most common organisms which cause leaf blights, including: *Septoria tritici* blotch, *Stagnosporium nodorum* blotch, and tan spot.

3) Information on reaction to major insects.

Hessian fly – susceptible to the predominant biotypes of Hessian fly in the southeast in field screens. Has screened susceptible to biotype GP in tests conducted by the Dept. of Entomology, Purdue University, in conjunction with the USDA-ARS Insect and Disease Control unit.

All color determinations were done using Munsell Color Charts for Plant Tissues, 2nd ed., 1997, Macbeth.

Table 1. Varietal yield performance and agronomic characteristics recorded in Pioneer Elite yield tests during the period 1995-98.

Variety	Grain yield	Test weight	Plant height	Straw lodging	Heading date	Leaf rust	Leaf blight	Powdery mildew	SSMV	HF GP
	bu/ac	lb/bu	cm	1-9 [†]	Dec.31+	1-9 [†]	1-9 [†]	1-9 [†]	1-9 [†]	1-9 [†]
26R46	82.1	56.0	98.0	6.8	98.6	6.3	6.0	8.7	6.7	1.0
2580	78.8	54.8	95.5	6.3	100.3	6.5	5.1	7.7	6.2	1.0
2684	77.6	56.7	94.5	8.0	96.5	3.7	5.0	7.7	8.3	1.0
2691	76.0	54.8	90.9	6.5	91.1	7.7	4.2	8.1	7.8	8.0
Coker 9835	76.6	54.2	87.1	4.8	100.6	4.8	6.2	5.6	7.2	6.0
Jackson	79.2	55.8	99.3	6.8	102.2	6.5	6.9	7.7	6.8	1.0
lsd(0.05)	4.2	0.5	3.7	2.7	2.4	1.8	0.9	0.8	1.3	9.4
# envs.	26	27	5	2	5	3	5	6	3	1.0

† Scale of 1 to 9, where 9 = excellent or resistant: 1 = poor or susceptible.

+ Days after December 31.

Data in the above table gathered at: Suffolk, VA; Charles City, VA; Greenville, NC; Edenton, NC; Belhaven, NC; Rowland, NC; St. Matthews, SC; Darlington, SC; Manning, SC; Americus, GA; Dublin, GA; and Statesboro, GA.

Table 2. Soft wheat quality data from the Pioneer Quality Lab, Johnston, IA 1995-98.

Variety	Flour yield	Break flr yld	AWRC	Cookie	# Obs.
	%	%	%	cm	
26R46	73.0	37.2	51.6	19.1	17
2580	68.3	33.2	54.7	18.4	17
2684	70.3	33.8	52.7	19.0	17
2691	65.1	33.5	58.2	18.8	17
Coker 9835	68.5	38.0	58.5	19.2	17
Jackson	68.8	34.9	56.1	18.5	17

Trait abbreviations used in the above table:

AWRC = Flour Alkaline Water Retention Capacity (%)

Cookie = Cookie diameter in cm.

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) Pioneer Hi-Bred International, Inc.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME 26R46
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) Research and Product Development Wheat Research 3850 N. 100 E. Windfall, IN 46076		5. TELEPHONE (include area code) (765) 945-7906	6. FAX (include area code) (765) 945-8313
		7. PVPO NUMBER 9900347	
8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain. <div style="text-align: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</div>			
9. Is the applicant (individual or company) a U.S. national or U.S. based company? If no, give name of country <div style="text-align: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</div>			
10. Is the applicant the original owner? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no, please answer <u>one</u> of the following: a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)? <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO If no, give name of country</div> b. If original rights to variety were owned by a company(ies), is(are) the original owner(s) a U.S. based company? <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO If no, give name of country</div>			
11. Additional explanation on ownership (if needed, use reverse for extra space):			

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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